

WL serie

fotocellen



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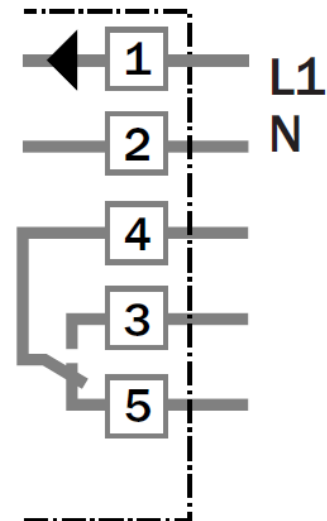
Technische gegevens:

TECHNISCE GEGEVENS:

S230:

Scanning range, max. typ./on reflector	0.01 ... 11 mm/P 250
Operating range	0.01 ... 10 mm/P 250
Light source ¹⁾ , light type	LED, red light
Light spot diameter	Approx. 280 mm at 10 m
Angle of dispersion, sender	Approx. 1.6°
Supply voltage V_S ²⁾	24 ... 240 V DC/24 ... 240 V AC
Current consumption	≤ 5 VA
Switching outputs	Relay 1 x u, galv. separated
Max. switching current ³⁾	3 A/240 V AC; 3 A/30 V DC
Light receiver	Light-switching
Response time	≤ 20 ms
Max. switching frequency ⁴⁾	25/s
	Terminal chamber
VDE protection class ⁶⁾	□
Circuit protection ⁷⁾	A, C
Enclosure rating	IP 66
Ambient temperature	Operation -25 °C ... +55 °C Storage -40 °C ... +70 °C
Weight	Approx. 150 g
Housing material	Housing: ABS; optics: PMMA

AANSLUITINGEN:



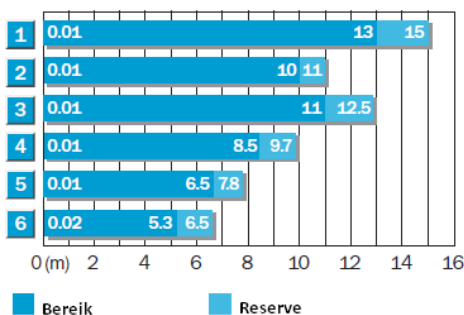
¹⁾ Average service life 100,000 h at $T_A = +25 °C$
²⁾ ± 10 %

³⁾ Provide suitable spark suppression for inductive and capacitive loads
⁴⁾ With light/dark ratio 1:1

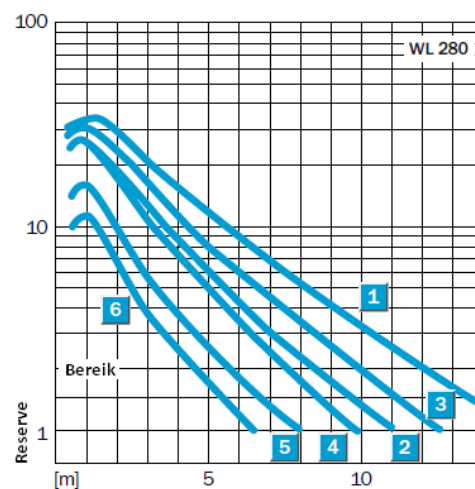
⁵⁾ Do not bend below 0 °C
⁶⁾ Reference voltage 250 V UC

⁷⁾ A = V_S connections reverse-polarity protected
C = Interference pulse suppression

BEREIK:

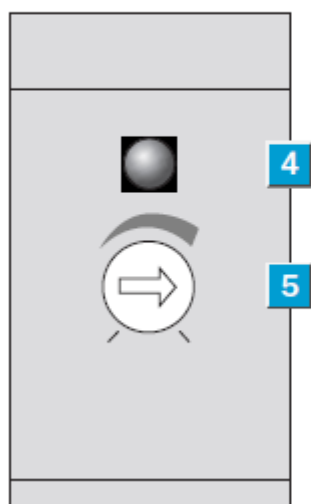
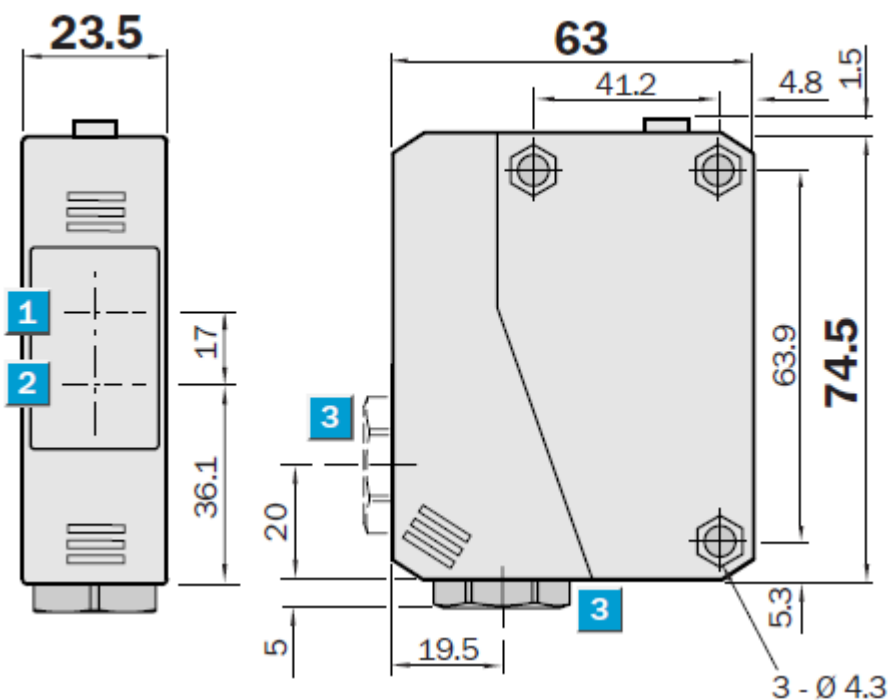


Reflector	Bereik
1 PL 80 A	0.01 ... 13.0 m
2 P 250	0.01 ... 10.0 m
3 PL 50 A or PL 40 A	0.01 ... 11.0 m
4 PL 30 A or PL 31 A	0.01 ... 8.5 m
5 PL 20 A	0.01 ... 6.5 m
6 Reflective tape Diamond Grade	0.02 ... 5.3 m



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Technische tekeningen:



- 1** Hart sensor ontvanger
- 2** Hart sensor zender
- 3** Kabelingang t.b.v. kabels met diameter: 6...10mm
- 4** LED indicatie (signaalsterkte)
- 5** gevoeligheidsinstelling